

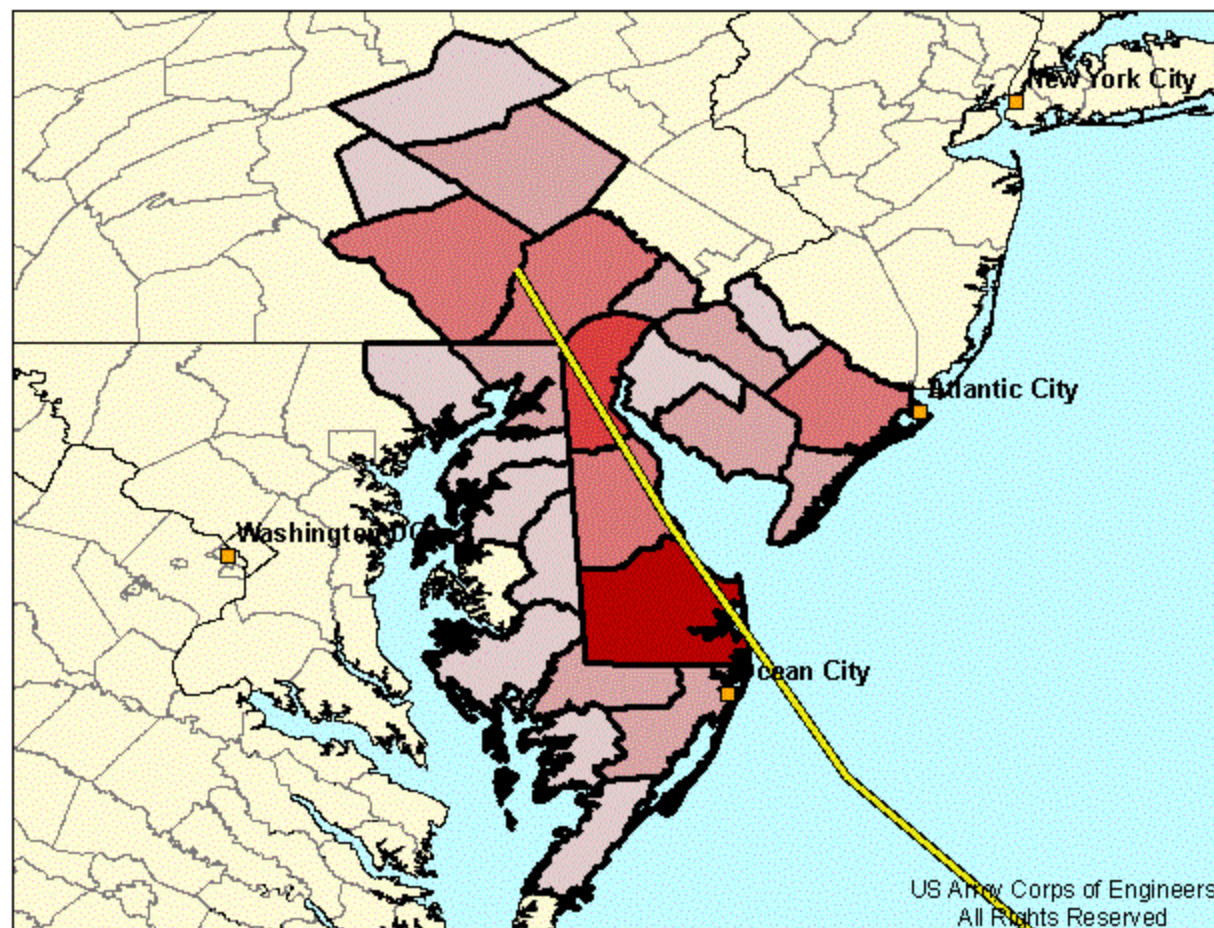


US Army Corps
of Engineers

Hurricane DE#1 Debris Model

Landfall Plus About **12** Hours

**For Planning
Purposes Only!**



0 100 200 Miles

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Post Landfall Debris Model Results

Delaware - 4,351,000 Yards
New Jersey - 1,088,000 Yards
Pennsylvania - 1,042,000 Yards
Maryland - 413,000 Yards
Virginia - 25,000 Yards

*Model results per County on
following page*

This model is based on a
Category 1 storm making landfall
in Delaware Bay area.

Historic Track

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- > 1,000,000 cubic yards

Information provided on this page displays a Category 1 storm making landfall in Delaware Bay area. These projections are based on information from the NHC (1030 EDT 05/19/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at <http://www.englink.usace.army.mil>
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane DE#1 Debris Model

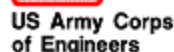
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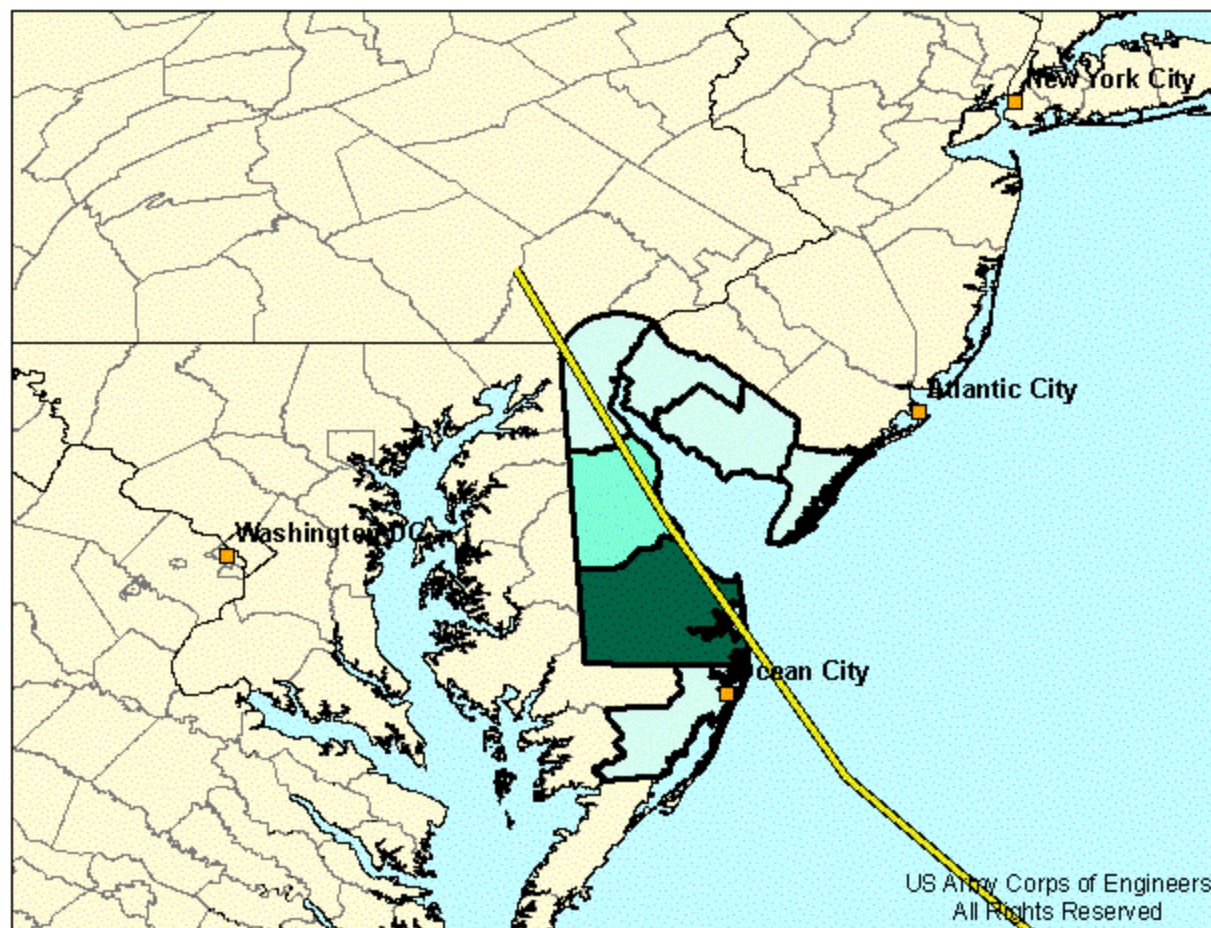


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Hurricane DE#1 Commodities Model

Landfall Plus About **12** Hours

**For Planning
Purposes Only!**



0 100 200 Miles

Post Landfall Water Model Results

Day One / Day Two / Day Three

DE – 27/53/106 Truckloads

NJ – 2/3/6 Truckloads

MD – 1/1/2 Truckloads

*Model results per County on
following page*

This model is based on a
Category 1 storm making landfall
in Delaware Bay area.

Historic Track

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

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Information provided on this page displays a Category 1 storm making landfall in Delaware Bay area. These projections are based on information from the NHC (1030 EDT 05/19/2008) forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at <http://www.enlink.usace.army.mil>
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Hurricane DE#1 Commodities Model

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Landfall Plus About 12 Hours

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The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system.

Details about this model may be obtained at <http://www.enlink.usace.army.mil>
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Hurricane DE#1
Commodities Model

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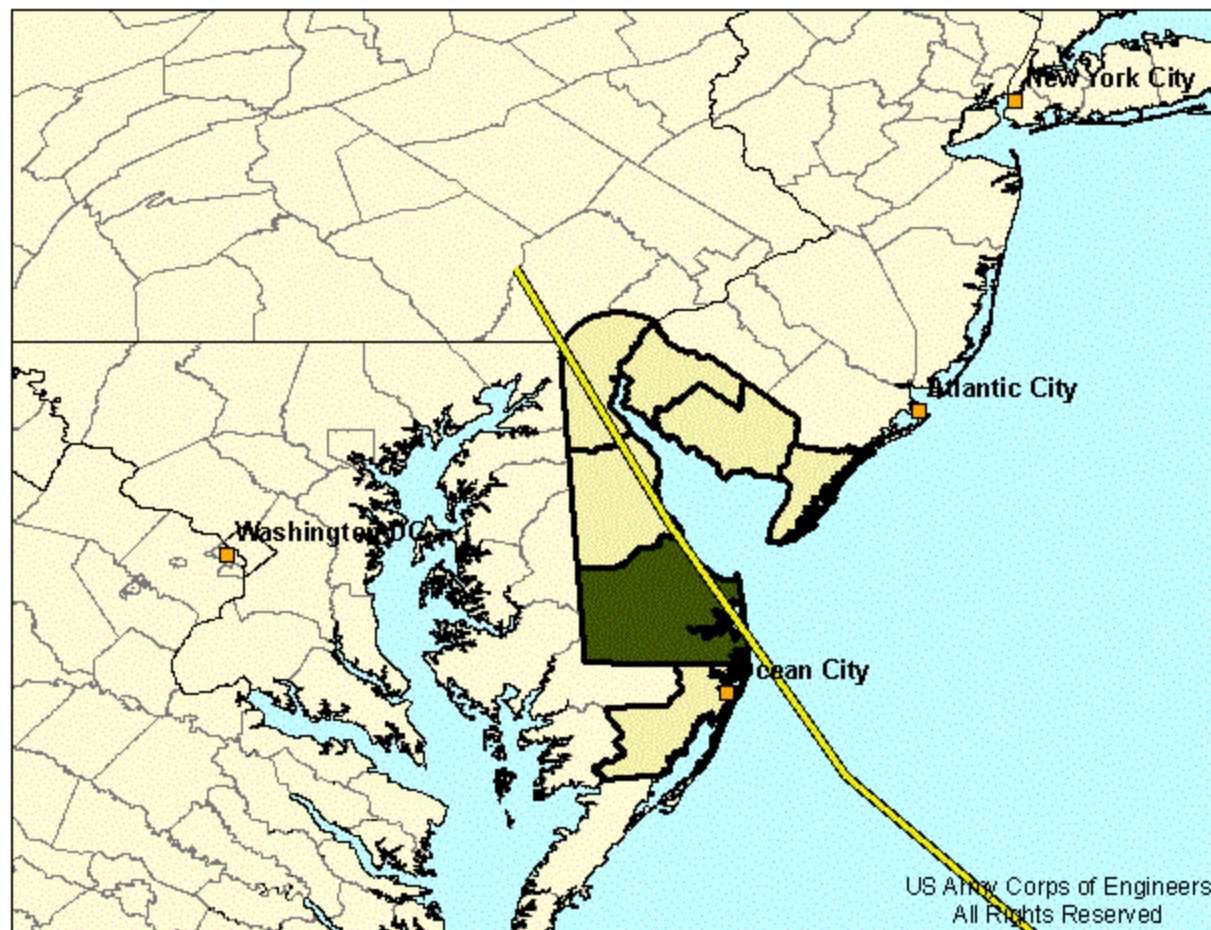


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Hurricane DE#1 Temporary Roofing Model

Landfall Plus About **12** Hours

**For Planning
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0 100 200 Miles

Post Landfall Temporary Roofing Model Results

Delaware - 14,700

New Jersey - 700

Maryland - 400

*Model results per County on
following page*

This model is based on a
Category 1 storm making landfall
in Delaware Bay area.

Historic Track

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 1 storm making landfall in Delaware Bay area. These projections are based on information from the NHC (1030 EDT 05/19/2008) forecast. Temporary roofing is based on 3% in CAT 1.

Details about this model may be obtained at <http://www.enlink.usace.army.mil>
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Hurricane DE#1 Roofing Model

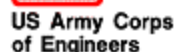
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Hurricane DE#1
Roofing Model

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Hurricane DE#1 Temporary Housing Model

Landfall Plus About **12** Hours

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Post Landfall Temporary Housing Model Results

*Model results per County on
following page*

This model is based on a
Category 1 storm making landfall
in Delaware Bay area.

 Historic Track

Temporary Housing

-  < 2,000 units
-  2,000 - 3,999 units
-  4,000 - 5,999 units
-  6,000 - 9,999 units
-  > 10,000 units

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0 100 200 Miles

Information provided on this page displays a Category 1 storm making landfall in Delaware Bay area. These projections are based on information from the NHC (1030 EDT 05/19/2008) forecast. Temporary housing is based on nothing.

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Hurricane DE#1 Housing Model

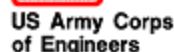
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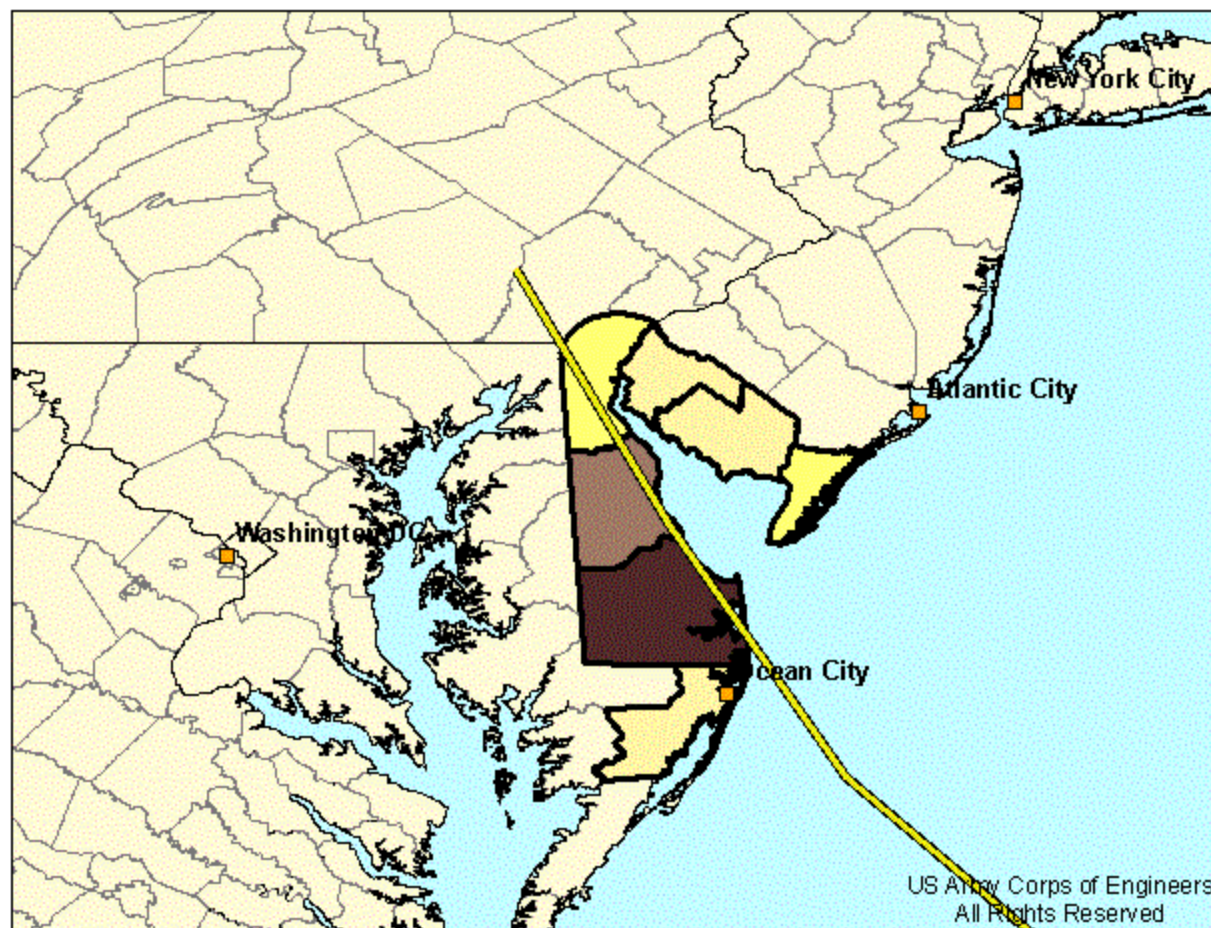


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Hurricane DE#1 Population Model

Landfall Plus About **12** Hours

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0 100 200 Miles

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Post Landfall Population Model Results

Delaware - 1,311,000

New Jersey - 59,000

Maryland - 23,000

*Model results per County on
following page*

This model is based on a
Category 1 storm making landfall
in Delaware Bay area.

Historic Track

Population

< 25,000 persons

25,000 - 99,999 persons

100,000 - 174,999 persons

175,000 - 249,999 persons

> 250,000 persons

Information provided on this page displays a Category 1 storm making landfall in Delaware Bay area. These projections are based on information from the NHC (1030 EDT 05/19/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2006 values).

Details about this model may be obtained at <http://www.enlink.usace.army.mil>
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Hurricane DE#1 Population Model

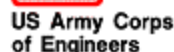
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The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2006 values.

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Hurricane DE#1
Population Model

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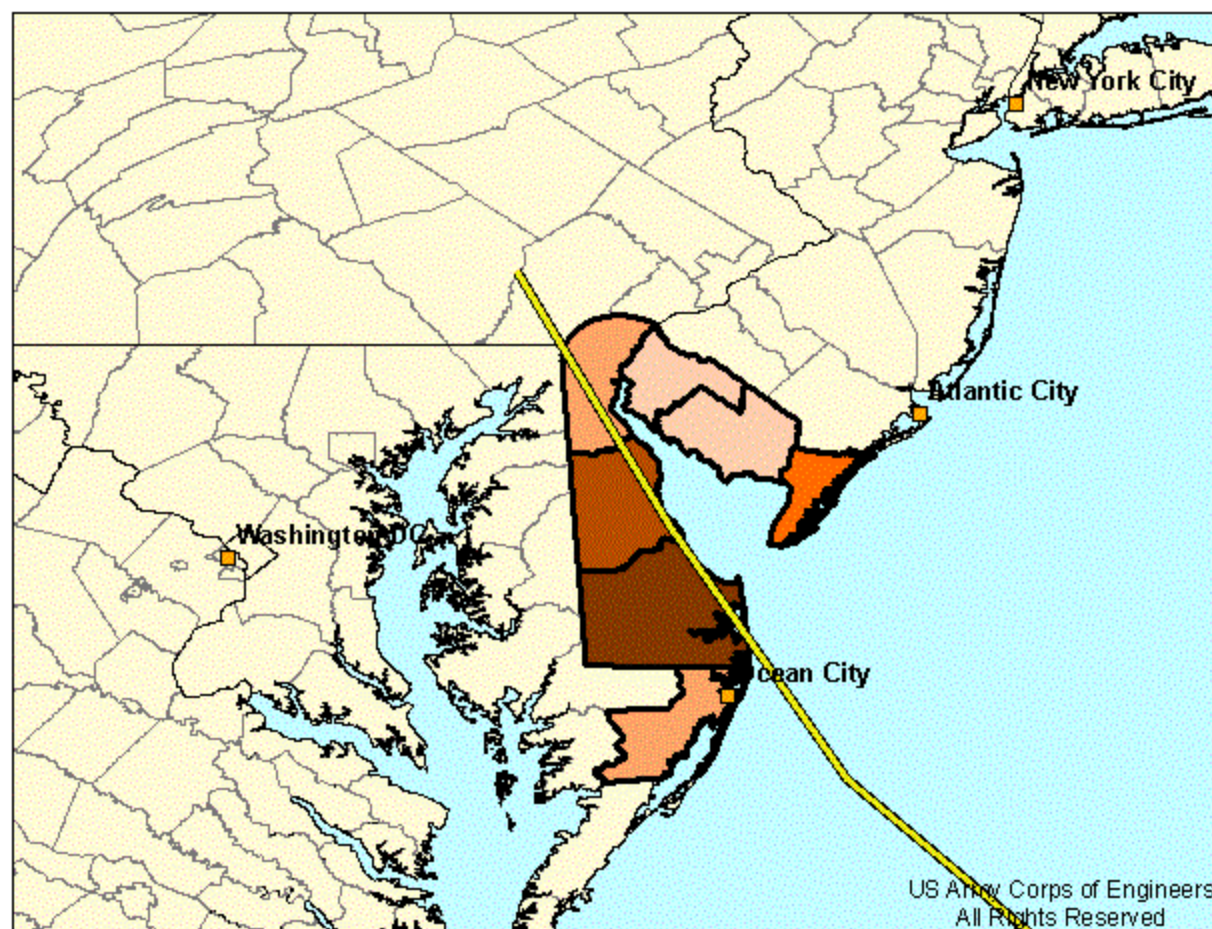


US Army Corps
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Hurricane DE#1 Households Model

Landfall Plus About **12** Hours

**For Planning
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0 100 200 Miles

Post Landfall Households Model Results

Delaware - 486,000
New Jersey - 23,000
Maryland - 11,000

*Model results per County on
following page*

This model is based on a
Category 1 storm making landfall
in Delaware Bay area.

Historic Track

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50,000 households

Information provided on this page displays a Category 1 storm making landfall in Delaware Bay area. These projections are based on information from the NHC (1030 EDT 05/19/2008) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2006 values).

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Hurricane DE#1 Households Model

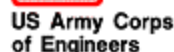
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[illegible]

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2006 values.

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Hurricane DE#1
Households Model

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